DC Tips

... for the user

Upgrading the Windows NT PostScript Driver

Caution:
To successfully upgrade the NT driver, you *must* follow the steps in this document precisely. Otherwise, the driver will not function properly.

Purpose

Two outstanding issues with the NT PostScript print driver for the DC 220/230 family of printers are:

* Upgrading the driver to a newer version

* Changing server driver defaults from a remote workstation

Versions affected

All versions released before November 1, 1998 are affected. This procedure will also work with drivers that are expected to be released in the future. Please see the installation instructions for those particular driver versions for optimum instructions.

Issue 1

Upgrading the driver to a newer version

Installing a newer version of the Xerox printer driver over an existing (older) version may not successfully remove the old driver. Some symptoms of this problem are unusual default values (i.e., pink stock instead of white) or some features of the driver not working (such as Staple).

The following installation steps are for a PC that already has a DC 220/230 printer driver. Note that you *must* upgrade the server drivers first in a client/server environment. See Glossary for definitions.

Also, be aware that you *must* perform these steps for each computer (server and client) that requires the upgraded driver.

1. Record the printer names and ports on the PC for use in later steps.

2. Select [**Start**], then choose [**Settings: Printers**].

This Document pertains to these Xerox products:

X	DC 220/230 ST/LP
	DC 240/255/265 ST/LP
	DCS 20/35

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3. Select [Add Printer] to add a new printer using the new driver. Choose [My Computer]; do not choose Network Printer. The port the printer is connected to should be the same as one of the existing printers. Choose [Have disk] if prompted to locate the driver to ensure the installation of the new driver. (This step creates a temporary printer that enables the new driver to be installed properly.)

    Note: If your PC has *no* previous DC 220/230 printer driver, install the printer using "Add Printer" and follow the normal NT installation procedures.

4. Follow the normal driver installation steps, but be sure to choose [**Replace existing driver**] when prompted to keep or replace the existing driver.

    Then finish the NT printer driver installation normally.

5. Delete *all* the Xerox DC 220/230 printer objects including the printer just added in step 3. Do this by highlighting each DC 220/230 printer object in the [**Start: Settings: Printers**] folder and pressing [**Delete**]. (This step will ensure all references to the old driver are removed.)

6. Using Windows NT Explorer, find and delete all occurrences of the file XDCS30.BPD.

7. Restart the computer by choosing [**Start: Shutdown: Restart**].

8. Add the deleted printers back using the Xerox DC 220/230 driver from the list of manufacturers [**Xerox**] and drivers [**Xerox Doc Centre 220/230**] displayed during the installation process. Choose the Xerox driver, not Microsoft.

    Use [**Add printer**] and select [**My Computer**] or [**Network Printer**]. Then **choose [Xerox Doc Centre 220/230 PS2 (Xerox)**] and select [**Keep existing driver**].

    The new driver version is now installed on your system.

9. Select [**Start: Settings: Printers: Properties**] and select the About tab. Verify that the version number is 1.11.00 98.09.02 or later. Then choose [**Cancel**].

10. If this PC is not a remote workstation of an NT shared printer, select [**Start: Settings: Printers: Document Defaults**] to configure the printer's options on the System Configuration Tab and then specify the desired defaults on the Paper/Output Tab.

Why Can't I Select Printer Options?

System configuration and defaults cannot be changed from *within* an application—they must be changed from [**Start: Settings: Printers**].

This means, for example, that if you wish to print Duplex (2 Sided) in a Word document and you have not configured your printer options, you will not be able to print using the [**2 Sided**] option. You *must* select [**Start: Settings: Printers**] and specify the print options there first. Then when you select printer options from within an application, you will be able to select [**2 Sided**].

Note:
Upgrade *all your existing* Document Centre printers on *each* PC before adding any new (particularly shared) printers.

Changing server driver defaults from a remote workstation

You must administer the printer from the server or workstation where is installed.

When using a client/server printing model where the driver is loaded on the NT server and "shared" on the client workstation, NT allows you to change the server driver default settings from any workstation on the network. If you attempt this with the Xerox NT Postscript driver, you may experience "Out of memory" or "Invalid handle" errors.

Workaround

Alter the default settings of the driver *only* from the server console.

Also, do not select <**OK**> in the driver defaults dialog (from a remote workstation) because the buffer overflow may occur even though you do not have sufficient rights to change these defaults.

Glossary

In a **Client/Server driver setup**, you are installing a driver on an NT server and *sharing* the printer with other NT servers and workstations (clients). The driver default settings and configuration are maintained solely by the administrator. Part of the driver is installed on the client; part resides on the server. Select [**Network Printer**] during installation and specify an NT server with the correct driver already loaded.

In a **Client-direct-to-printer setup**, you are installing a driver on a PC that is connected to the printer without any NT server driver needed. The print driver is located completely on the client and the data is transported to the printer without modification. This "direct-to-printer" setup might send the data via LPR to the printer, via a Novell print queue, via a Banyan print queue, etc. The printer defaults and configuration are maintained by each user at their PC and they can be different for different users. Select [**My Computer**] during installation or select [**Network Printer**] but do not specify an NT server-shared printer.

Troubleshooting

Generally, problems with the installation can be solved by re-installing the driver and following these instructions carefully. The most common problem is that the driver installation files were not updated on the NT station correctly. The step of installing a new printer is the step that installs these files.

The symptoms of a problem installation would include features that can not be set to the desired value or features not working as expected (i.e., pink stock instead of white). The simplest way to verify that the files are installed correctly is to print a document to file and then edit the "print-ready" file. The top 2 lines should read:

%!PS-Adobe-3.0

%%Driver: Xerox Doc Centre 220/230 PS2 **1.xx.xx** yy.mm.dd.

where 1.xx.xx refers to the driver version. Ensure that this matches the version that you installed and the version shown in the [**Help: About**] box.

Additional Information

For more information about the Document Centre family of products, visit the Document Centre homepage located at **http://www.documentcentre.xerox.com**.

The Xerox homepage is at **http://www.xerox.com**.

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